

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 0    | ((martinandzapf).in.).PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/03<br>06:16 |
| L2    | 24   | (martin and zapf).in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/03<br>06:17 |
| L3    | 10   | ((("5425073") or<br>("3875555") or<br>("4843259") or<br>("5388476")).PN.                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/03<br>06:28 |
| L4    | 5    | ((locking locked<br>momentary) and sensor<br>and coil and actuator and<br>inductance).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/08/03<br>06:33 |
| L5    | 1    | ("20080157756").PN.  | US-PGPUB  | OR               | OFF     | 2009/08/03<br>06:34 |
| L6    | 2061 | 324/207.15-207.18.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/03<br>06:39 |
| L7    | 1320 | 331/65.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/03<br>06:39 |
| L8    | 355  | 200/61.88.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/03<br>06:39 |

|     |      |   |   |    |     |                     |
|-----|------|---|---|----|-----|---------------------|
| L9  | 3675 | 6 7 8   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/08/03<br>06:39 |
| S1  | 3    | ("4580478"   "4658153"  <br>"6179938").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/09/16<br>21:24 |
| S2  | 22   | "1452132"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | OFF | 2007/09/16<br>21:25 |
| S3  | 1    | ("5198789").PN. OR<br>("6852937").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/09/17<br>08:38 |
| S4  | 1452 | sensor with LC  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | OFF | 2007/09/17<br>08:38 |
| S5  | 1698 | sensor with LC  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/09/17<br>08:39 |
| S6  | 223  | sensor with LC with coil  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/09/17<br>08:39 |
| S7  | 4    | ("4918591"   "5065093"  <br>"6208134").PN. OR<br>("6822440").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/09/17<br>08:45 |
| S8  | 9    | ("3781749"   "4642595"  <br>"5079523"   "5233294"  <br>"5264809"   "6043644"  <br>"6175232"   "6852937"  <br>"6853183").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/06/23<br>08:56 |
| S9  | 2    | "20050258687"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/02<br>15:39 |
| S10 | 5    | ((("5003260") or<br>("5617023") or<br>("20080157756") or<br>("20080142346") or<br>("20050258687")).PN.                      | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/02<br>15:40 |

|     |     |  |   |    |     |                     |
|-----|-----|--|---|----|-----|---------------------|
| S11 | 0   | (("1296650"   "2935714"   "3047751"   "3097316"   "3521095"   "3610714"   "3749458"   "3784850"   "3847456"   "3971963"   "4006375"   "4081204"   "4082971"   "4228378"   "4278290"   "4334352"   "4355293"   "4430634"   "4435691"   "4541744"   "4588314"   "4616504"   "4645430"   "4652152"   "4688420"   "4703649"   "4707645"   "4708497"   "4721939"   "4722617"   "4822183"   "4823038"   "4823040"   "4854437"   "4887919"   "4951796"   "4961342"   "4973866"   "4985669"   "4989451"   "5012673"   "5039975"   "5053661"   "5054940"   "5070728"   "5102241"   "5110221"   "5120011"   "5133321"   "5184040"   "5271269"   "5298825"   "5321980"   "5331237"   "5334893"   "5376914"   "5385068"   "5415144"   "5416295"   "5417500"   "5426995"   "5460035"   "5512871"   "5520044"   "5531525"   "5539373"   "5586827"   "5590632"   "5637937"   "5661890"   "5672818"   "5698778"   "5770900"   "5810484"   "5814914"   "5828151"   "5828290"   "5831356"   "5905198"   "5963124"   "5982058"   "6031448"   "6037696"   "6040756"   "6183422"   "6198182"   "6639508").PN.").PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/03<br>10:10 |
| S12 | 196 | (("1296650"   "2935714"   "3047751"   "3097316"   "3521095"   "3610714"   "3749458"   "3784850"   "3847456"   "3971963"   "4006375"   "4081204"   "4082971"   "4228378"   "4278290"   "4334352"   "4355293"   "4430634"   "4435691"   "4541744"   "4588314"   "4616504"   "4645430"   "4652152"   "4688420"   "4703649"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/03<br>10:10 |

|     |    |                |           |                    |    |     |                     |
|-----|----|----------------|-----------|--------------------|----|-----|---------------------|
|     |    | "4707645"      | "4708497" |                    |    |     |                     |
|     |    | "4721939"      | "4722617" |                    |    |     |                     |
|     |    | "4822183"      | "4823038" |                    |    |     |                     |
|     |    | "4823040"      | "4854437" |                    |    |     |                     |
|     |    | "4887919"      | "4951796" |                    |    |     |                     |
|     |    | "4961342"      | "4973866" |                    |    |     |                     |
|     |    | "4985669"      | "4989451" |                    |    |     |                     |
|     |    | "5012673"      | "5039975" |                    |    |     |                     |
|     |    | "5053661"      | "5054940" |                    |    |     |                     |
|     |    | "5070728"      | "5102241" |                    |    |     |                     |
|     |    | "5110221"      | "5120011" |                    |    |     |                     |
|     |    | "5133321"      | "5184040" |                    |    |     |                     |
|     |    | "5271269"      | "5298825" |                    |    |     |                     |
|     |    | "5321980"      | "5331237" |                    |    |     |                     |
|     |    | "5334893"      | "5376914" |                    |    |     |                     |
|     |    | "5385068"      | "5415144" |                    |    |     |                     |
|     |    | "5416295"      | "5417500" |                    |    |     |                     |
|     |    | "5426995"      | "5460035" |                    |    |     |                     |
|     |    | "5512871"      | "5520044" |                    |    |     |                     |
|     |    | "5531525"      | "5539373" |                    |    |     |                     |
|     |    | "5586827"      | "5590632" |                    |    |     |                     |
|     |    | "5637937"      | "5661890" |                    |    |     |                     |
|     |    | "5672818"      | "5698778" |                    |    |     |                     |
|     |    | "5770900"      | "5810484" |                    |    |     |                     |
|     |    | "5814914"      | "5828151" |                    |    |     |                     |
|     |    | "5828290"      | "5831356" |                    |    |     |                     |
|     |    | "5905198"      | "5963124" |                    |    |     |                     |
|     |    | "5982058"      | "6031448" |                    |    |     |                     |
|     |    | "6037696"      | "6040756" |                    |    |     |                     |
|     |    | "6183422"      | "6198182" |                    |    |     |                     |
|     |    | "6639508").PN. |           |                    |    |     |                     |
| S13 | 87 | ("1296650"     | "2935714" | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/03<br>10:11 |
|     |    | "3047751"      | "3097316" |                    |    |     |                     |
|     |    | "3521095"      | "3610714" |                    |    |     |                     |
|     |    | "3749458"      | "3784850" |                    |    |     |                     |
|     |    | "3847456"      | "3971963" |                    |    |     |                     |
|     |    | "4006375"      | "4081204" |                    |    |     |                     |
|     |    | "4082971"      | "4228378" |                    |    |     |                     |
|     |    | "4278290"      | "4334352" |                    |    |     |                     |
|     |    | "4355293"      | "4430634" |                    |    |     |                     |
|     |    | "4435691"      | "4541744" |                    |    |     |                     |
|     |    | "4588314"      | "4616504" |                    |    |     |                     |
|     |    | "4645430"      | "4652152" |                    |    |     |                     |
|     |    | "4688420"      | "4703649" |                    |    |     |                     |
|     |    | "4707645"      | "4708497" |                    |    |     |                     |
|     |    | "4721939"      | "4722617" |                    |    |     |                     |
|     |    | "4822183"      | "4823038" |                    |    |     |                     |
|     |    | "4823040"      | "4854437" |                    |    |     |                     |
|     |    | "4887919"      | "4951796" |                    |    |     |                     |
|     |    | "4961342"      | "4973866" |                    |    |     |                     |
|     |    | "4985669"      | "4989451" |                    |    |     |                     |
|     |    | "5012673"      | "5039975" |                    |    |     |                     |
|     |    | "5053661"      | "5054940" |                    |    |     |                     |
|     |    | "5070728"      | "5102241" |                    |    |     |                     |
|     |    | "5110221"      | "5120011" |                    |    |     |                     |
|     |    | "5133321"      | "5184040" |                    |    |     |                     |
|     |    | "5271269"      | "5298825" |                    |    |     |                     |
|     |    | "5321980"      | "5331237" |                    |    |     |                     |

|     |       |  |   |    |     |                     |
|-----|-------|--|---|----|-----|---------------------|
|     |       | "5334893"   "5376914"  <br>"5385068"   "5415144"  <br>"5416295"   "5417500"  <br>"5426995"   "5460035"  <br>"5512871"   "5520044"  <br>"5531525"   "5539373"  <br>"5586827"   "5590632"  <br>"5637937"   "5661890"  <br>"5672818"   "5698778"  <br>"5770900"   "5810484"  <br>"5814914"   "5828151"  <br>"5828290"   "5831356"  <br>"5905198"   "5963124"  <br>"5982058"   "6031448"  <br>"6037696"   "6040756"  <br>"6183422"   "6198182"  <br>"6639508").PN. |   |    |     |                     |
| S14 | 20292 | (motor and sensor).ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/03<br>10:15 |
| S15 | 2614  | (rotor and sensor).ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/03<br>10:15 |
| S16 | 999   | (rotor and motor and<br>sensor).ti.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/03<br>10:15 |
| S17 | 3     | ((("4658153") or<br>("6179938") or<br>("4580478")).PN.   | USPAT   | OR | OFF | 2009/04/03<br>19:19 |
| S18 | 0     | ((("3781749"   "4580478"<br>  "4642595"   "4658153"  <br>"5079523"   "5233294"  <br>"5264809"   "6043644"  <br>"6175232"   "6179938"  <br>"6822440"   "6852937"  <br>"6852937"   "6853183").<br>PN.)).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/03<br>19:22 |
| S19 | 13    | ((("3781749"   "4580478"  <br>"4642595"   "4658153"  <br>"5079523"   "5233294"  <br>"5264809"   "6043644"  <br>"6175232"   "6179938"  <br>"6822440"   "6852937"  <br>"6852937"   "6853183").<br>PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/03<br>19:22 |

|     |         |  |   |    |     |                     |
|-----|---------|--|---|----|-----|---------------------|
| S20 | 2032    | 324/207.15-207.18.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/04<br>17:24 |
| S21 | 1319    | 331/65.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/04<br>17:25 |
| S22 | 351     | 200/61.88.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/04/04<br>17:25 |
| S23 | 1591398 | coil   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:25 |
| S24 | 69      | S22 and S23  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:25 |
| S25 | 6104    | gearshift  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:32 |
| S26 | 0       | S21 and S25  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:33 |
| S27 | 5       | S20 and S25  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:33 |
| S28 | 2       | ((locking locked<br>momentary) and sensor<br>and coil and actuator and<br>inductance and<br>evaluation).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:36 |

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|-----|---|---|---|----|-----|---------------------|
| S29 | 5 | ((locking locked momentary) and sensor and coil and actuator and inductance).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/04<br>17:37 |
| S30 | 2 | ((("6842102") or ("6587024")).PN.   | USPAT   | OR | OFF | 2009/04/04<br>21:00 |

**EAST Search History (Interference)**

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**8/ 3/ 2009 6:42:15 AM**

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